





### **PAGER** Version 5

10,000

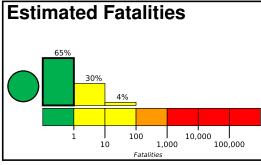
100,000

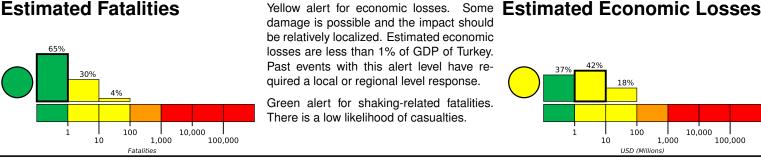
Created: 3 weeks, 6 days after earthquake

1,000

# M 5.5, 6 km WNW of Sivrice, Turkey

Origin Time: 2020-12-27 06:37:32 UTC (Sun 09:37:32 local) Location: 38.4605° N 39.2345° E Depth: 9.0 km





**Estimated Population Exposed to Earthquake Shaking** 

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	11,323k	2,000k	315k	80k	12k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

<sup>\*</sup>Estimated exposure only includes population within the map area.

### Population Exposure

population per 1 sq. km from Landscan

# 5000 38.4°E Ke3k9t8°E Erzincan Divrigi Kangal Tunceli Bingol Hekimhan 38.8<sub>Ĝ</sub>ւիսո Darende Elbistan Diyarbakiı anliurfa

## **Structures**

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block and dressed stone/block masonry construction.

### **Historical Earthquakes**

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1986-06-06	126	5.8	VII(86k)	1
1999-12-03	349	5.7	VII(7k)	1
1966-08-19	217	6.8	VIII(15k)	3k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### **Selected City Exposure**

from GeoNames.org				
MMI	City	Population		
VII	Mollakendi	<1k		
VI	Sivrice	5k		
٧	Hankendi	<1k		
٧	Gozeli	<1k		
٧	Elazig	298k		
٧	Hazar	<1k		
IV	Malatya	442k		
IV	Diyarbakir	645k		
III	Sanliurfa	450k		
III	Gaziantep	1,066k		
Ш	Frzurum	421k		

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

https://earthquake.usgs.gov/earthquakes/eventpage/us6000d3dd#pager

Event ID: us6000d3dd